

Untitled

ALIMENT WITH SEQ ID NO: 2

ABN99362

ID ABN99362 standard; DNA; 1959 BP.

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AC ABN99362;

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DT 08-AUG-2002 (first entry)

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DE Human secreted protein (SCEP) coding sequence 3.

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KW Human; secreted protein; SCEP; SCEP expression; gene therapy;

KW protein therapy; immune system disorders; AIDS; thymic hypoplasia;

KW anaemia; asthma; Crohn's disease; neurological disorder; epilepsy;

KW Huntington's disease; dementia; Parkinson's disease; Down's syndrome;

KW developmental disorder; cell proliferative disorder; cancer; ds; gene.

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CS Homo sapiens.

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PN WO200226982-A2.

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PD 04-APR-2002.

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PF 25-SEP-2001; 2001WO-US030042.

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PR 29-SEP-2000; 2000US-0236869P.

PR 11-CCT-2000; 2000US-0239812P.

PR 12-CCT-2000; 2000US-0240108P.

PR 17-CCT-2000; 2000US-0241282P.

PR 20-CCT-2000; 2000US-0242218P.

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PA (INCY-) INCYTE GENOMCS INC.

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PI Yue H, Tang YT, Nguyen DB, Yao MG, Xu Y, Tribouley CM;

PI Sanjaniwala MS, Welia NK, Baughn MR, Sapperstein SK, Lal P;

PI Thornton M, Gandhi AR, Pankuram J, Elliott VS, Arvizu C;

PI Thangavelu K, Gjetzen KJ, Ding L, Au-Young J, Tran B, Policky JL;

PI Lee S, Lu DAM, Burford N, Warren BA, Gururajan R, Duggan BM

PI Honchel CD, Hafalia AJA;

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DR WPI; 2002-394239/42.

DR P-PSDB; ABP43479.

XX

PT New human secreted proteins, useful for diagnosing, treating or preventing immune system disorders (e.g. Crohn's disease), neurological disorders (e.g. Parkinson's disease), or cell proliferative disorders (e.g. cancers).

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PS Claim 5; Page 197; 238pp; English.

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CC The invention comprises the amino acid and coding sequences of human secreted proteins (SCEP). The SCEP DNA and amino acid sequences of the invention are useful for treating/preventing disorders associated with decreased or elevated expression of SCEP. The SCEP DNA and protein sequences are specifically useful for treating/preventing (i.e. gene therapy and protein therapy): immune system disorders (e.g. AIDS, thymic hypoplasia, anaemia, asthma or Crohn's disease); neurological disorders (e.g. epilepsy, Huntington's disease, dementia or Parkinson's disease); developmental disorders (e.g. Down's syndrome); and cell proliferative disorders (e.g. cancer). The nucleotides ABN99360 - ABN99428 encode the human secreted proteins (SCEP) of the invention.

Untitled

Un t i t l e d

Qy 1836 ACAGCTCAGT GATGACGT GGGGGAGGT GGGAGAGG GGGCGAG GGGCTTT GCGCTAGGGGTGGGT 1895
Db 1801 ACAGCTCAGT GATGACGT GGGGGAGGT GGGAGAGG GGGCGAG GGGCTTT GCGCTAGGGGTGGGT 1860
Qy 1896 TGGCGCTGTATACATGATOCAGTCTGTGACTACCAGCCAA OCTGAATAAGCGGT TTT 1952
Db 1861 TGGCGCTGTATACATGATOCAGTCTGTGACTACCAGCCAA OCTGAATAAGCGGT TTT 1917

ALI GNMENT W TH SEQ I D NO: 66

ABP43479

I D ABP43479 standard; protein; 204 AA.

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AC ABP43479;

XX

DT 15-JUN-2007 (revised)

DT 08-AUG-2002 (first entry)

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DE Human secreted protein (SCEP) 3.

XX

KW Human; secreted protein; SECP; SECP expression; gene therapy;

KW protein therapy; immune system disorders; AIDS; thymic hypoplasia;

KW anaemia; asthma; Ohn's disease; neurological disorder; epilepsy;

KW Huntington's disease; dementia; Parkinson's disease; Down's syndrome;

KW developmental disorder; cell proliferative disorder; cancer; BOND-PC;

KW chromosome 20 open reading frame 102;

KW chromosome 20 open reading frame 102 [Homo sapiens]; C20orf102;

KW d1118M15.2; hypothetical protein LOC128434;

KW hypothetical protein LOC128434 [Homo sapiens];

KW chromosome 20 open reading frame 102, isoform CRA_a;

KW chromosome 20 open reading frame 102, isoform CRA_a [Homo sapiens];

KW hypothetical protein; hypothetical protein [Homo sapiens];

KW unnamed protein; unnamed protein [Homo sapiens]; GO4872;

KW G07166.

XX

OS Homo sapiens.

XX

PN WO200226982-A2.

XX

PD 04-APR-2002.

XX

PF 25-SEP-2001; 2001WO-US030042.

XX

PR 29-SEP-2000; 2000US-0236869P.

PR

11-CCT-2000; 2000US-0239812P.

PR

12-CCT-2000; 2000US-0240108P.

PR

17-CCT-2000; 2000US-0241282P.

PR

20-CCT-2000; 2000US-0242218P.

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PI Thangavelu K, Gethzen KJ, Ding L, Au-Young J, Tran B, Policky JL;

PI Lee S, Lu DAM, Burford D, Warren BA, Gururajan R, Duggan BM;

PI Honchel CD, Hafalia A, AJA;

XX

DR WPI; 2002-394239/42.

DR

N-PSDB; ABN9362.

Untitled

DR PC: NCBI ; gi 18079321.
DR PC: SWISSPROT; CB6N03.
XX

PT New human secreted proteins, useful for diagnosing, treating or
PT preventing immune system disorders (e.g. Crohn's disease), neurological
PT disorders (e.g. Parkinson's disease), or cell proliferative disorders
PT (e.g. cancers).
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PS Claim 1; Page 151-152; 238pp; English.

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CC The invention comprises the amino acid and coding sequences of human
CC secreted proteins (SECP). The SECP DNA and amino acid sequences of the
CC invention are useful for treating/preventing disorders associated with
CC decreased or elevated expression of SECP. The SECP DNA and protein
CC sequences are specifically useful for treating/preventing (i.e. gene
CC therapy and protein therapy): immune system disorders (e.g. AIDS, thymic
CC hypoplasia, anaemia, asthma or Crohn's disease); neurological disorders
CC (e.g. epilepsy, Huntington's disease, dementia or Parkinson's disease);
CC developmental disorders (e.g. Down's syndrome); and cell proliferative
CC disorders (e.g. cancer). The proteins ABP43477 - ABP43543 represent the
CC human secreted proteins (SECP) of the invention

CC

CC Revised record issued on 15-JUN-2007 : Enhanced with precomputed
CC information from BCND.

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SQ Sequence 204 AA;

Query Match 100.0% Score 1092; DB 5; Length 204;
Best Local Similarity 100.0% Pred. No. 1.7e-92;
Matches 204; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 M~~C~~APLAVALGALHYALFLC~~Q~~GGATRPAGHPWDNIVS~~G~~HALFTETPHDMTARTG~~D~~VEM 60

Db 1 M~~C~~APLAVALGALHYALFLC~~Q~~GGATRPAGHPWDNIVS~~G~~HALFTETPHDMTARTG~~D~~VEM 60

Qy 61 ACSFRGSGSPSYSLEI QWWVRSRWD~~T~~DKOAWASNLKAS~~C~~QEDAGKEATK~~I~~ SWKVVG 120

Db 61 ACSFRGSGSPSYSLEI QWWVRSRWD~~T~~DKOAWASNLKAS~~C~~QEDAGKEATK~~I~~ SWKVVG 120

Qy 121 SNI SHKLRLSRV~~K~~PTDEGTYECRVI DFS~~D~~GKARHHKV~~K~~AYL~~R~~V~~O~~PG~~E~~NSVL~~H~~LP~~E~~APPAA 180

Db 121 SNI SHKLRLSRV~~K~~PTDEGTYECRVI DFS~~D~~GKARHHKV~~K~~AYL~~R~~V~~O~~PG~~E~~NSVL~~H~~LP~~E~~APPAA 180

Qy 181 PAPPPP~~K~~PGKELRKRSV~~D~~CEACSL 204

Db 181 PAPPPP~~K~~PGKELRKRSV~~D~~CEACSL 204